

Figure 2

Amino Acid Sequence of Rice Homologue of MLH1.

1 MDEPSPRGGG CAGEPPRIRR LEESVVNRD AGEVIQRPSS AVKELIENSL
51 DAGASSVSVA VKDGGGLKLIQ VSDDGHGIRF EDLAILCERH TTSKLSAYED
101 LQTIKSMGFR GEALASMTYV GHVTVTTITE GQLHGYRVSY RDGVMENEPK
151 PCAAVKGTQV MVENLFYNMV ARKKTLQNSN DDYPKIVDFI SRFAVHHINV
201 TFSCRKHGAN RADVHSASTS SRLDAIRSVY GASVVRDLIE IKVSYEDAAD
251 SIFKMDGYIS NANYVAKKIT MILFINDRLV DCTALKRAIE FVYSATLPQA
301 SKPFIYMSIH LPSEHVDVNI HPTKKEVSLL NQERIIFTIR NAIEEKLMS
351 NTTRIFQTQA LNLSGIAQAN PQKDKVSEAS MGSGTKSQKI PVSQMVRTDP
401 RNPSGRLHTY WHGQSSNLEK KFDLVSVRNV VRSRRNQKDA GDLSSRHELL
451 VEIDSSFHPG LLDIVKNCTY VGLADEAFAL IQHNTRLYLV NVVNISKELM
501 YQQALCRFGN FNAIQLSEPA PLQELLVMAL KDDELMSDEK DDEKLEIAEV
551 NTEILKENAE MINEYFSIHI DQDGKLTRLP VVLDQYTPDM DRLPEFVLAL
601 GNDVTWDDEK ECFRTVASAV GNFYALHPPD LPNPSGNGIH LYKKNRDSMA
651 DEHAENDLIS DENDVDQELL AEAEAAWAQR EWTIQHVLFP SMRLFLKPPK
701 SMATDGTGVQ VASLEKLYKI FERC*

mutL/PMS1 signature sequence is shown in **bold**.